

Title (en)

SOLENOID VALVE WITH IMPROVED OPENING AND CLOSING CHARACTERISTICS

Title (de)

MAGNETVENTIL MIT VERBESSERTEM ÖFFNUNGS- UND SCHLIESSVERHALTEN

Title (fr)

ÉLECTROVANNE AVEC DES AMÉLIORATIONS DU COMPORTEMENT D'OUVERTURE ET DE FERMETURE

Publication

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Application

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Abstract (en)

[origin: WO2014170048A1] The present invention relates to a solenoid valve for controlling fluids, comprising a closing element (2), which opens and closes at least one outlet opening on a valve seat (3); a magnetic circuit (5), which has an armature (6), an inner pole (7), and a keeper (8); and a coil (9), wherein the armature (6) is connected to the closing element (2), wherein the magnetic circuit (5) comprises a nonmagnetic separating element (10) for interrupting the magnetic circuit (5) and a magnetic choke device (13), wherein the magnetic choke device (13) closes the magnetic circuit (5) on the nonmagnetic separating element (10), and wherein the magnetic choke device (13) is a separate individual component, which is fixed by means of a form-fit and/or force-fit connection.

IPC 8 full level

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